

UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT

Enterprise Energy Efficiency (3E) Project

**IQC Contract # EPP-I-00-03-00004-00
Task Order # 12**

USAID 3E PROJECT FACT SHEET 2013

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March 5, 2014

Implemented by:
Advanced Engineering Associates International, Inc. (AEAI)



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BOSNIA-HERZEGOVINA

FACT SHEET

Project Snapshot

Total Funding: \$4.5 million
Start Date: May 2010
End Date: May 2014
Implementing Partner:
Advanced Engineering
Associates International



Sarajevo by night

Based on BiH's total annual energy bill of approximately €2.1 billion, the EU's objective to cut energy consumption by 20 percent through efficiency measures, if implemented in BiH, could save up to €420 million per year

Enterprise Energy Efficiency (3E)

The Challenge

Almost 20 percent of Bosnia and Herzegovina's (BiH) gross domestic product is spent on energy, compared with about 6.1 percent in the United States and about 4.75 percent in EU countries, according to most recent data available. Meanwhile, increasing tariffs in BiH in both the electricity and gas sectors are inflating energy costs even more for consumers. BiH citizens and the government could offset some of these costs by reducing consumption through energy efficiency measures.

Our Program

USAID's project Enterprise Energy Efficiency (3E) promotes and expands the use of clean, safe, and affordable energy efficiency technology in BiH through pilot projects in buildings. The pilot projects are co-funded by public and private counterparts, including local municipalities, building owners, and small and medium-sized enterprises (SMEs). These businesses and public institutions will learn to apply energy efficiency measures and can then replicate the pilot projects to additional facilities. The 3E project raises public awareness and demonstrates the financial and environmental advantages of investing in energy efficiency technologies and practices in BiH.

Implementation and Results

The 3E project has already implemented more than 17 pilot projects throughout BiH. The first and largest pilot project was the Mechanical Engineering Faculty building at the University of Sarajevo, where 3E upgraded insulation and installed innovative heating technology and a remote monitoring system. The project has transformed the way energy efficiency is taught in the institution. Faculty and students are planning doctoral and Master's theses based on empirical data from the monitoring system. The project is training more than 50 SMEs how to develop, implement, and meet the financial requirements for energy efficiency projects, and helps potential energy efficiency projects apply for financing under USAID's energy efficiency loan guarantee facility. It also trains commercial banking officers in loan appraisal and financial product development to support the sector. In the public sector, 3E offers training on developing energy efficiency plans and integrating them into long-term development plans.

In its final year the project will implement the "Energy Efficiency Year of Tuzla Canton" to promote energy efficiency and renewable energy technologies and practices that can be replicated throughout the country. The planned activities include technical measures (provision of equipment and training for energy management practices, feasibility studies and energy audits) and public awareness activities (Energy Efficiency Info Center, Student Energy Club and interactive primary school classes). These activities will help create a systematic energy management approach and will create a climate for investment in the field of energy efficiency, which in turn creates jobs.

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